

Receiving Report

Date: 13/01/16
 Supplier: PACIFIC STEEL
 Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Waybill Attached:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Shipment Complete:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
QC6 Inspection	<u>OK 13/01/16</u>		
Work Order			

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 

Production/Admin: 10/01/17
 Date
 Received/Costing Initial CG

Location _____

Purchase Order Receipt Listing

Thursday, January 17, 2013 8:15:04 AM

All Vendors PO ID PO18727 Receipt Dates from 1/17/2013 to 1/17/2013 All Line Item Types
 All Item ID/GL/WOS All Rec. Employees All Currencies
 Grouped by Vendor ID

All amounts are calculated in domestic currency.

All Vendors PO ID PO18727 Receipt Dates from 1/17/2013 to 1/17/2013 All Line Item Types

All Currencies

Grouped by Vendor ID

Purchase Order ID	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID	Vendor Name	VU-FAC001	Factory Steel	M4130NT0.750W.04 f	1/15/2013	1/17/2013	117.5000	\$6.39	0.0000	0	\$750.83
PO18727	1		9	4130 RD Tube .750 f x.049W	115.0000	DESJ02					
			124293								
				M4130NT0.750W.08 f	1/15/2013	1/17/2013	26.0000	\$8.10	-0.0000	0	\$210.60
			2	3							
			No	4130 RD Tube .750 f x.083W	25.0000	DESJ02					
				124293							
				M4130NT1.000W.12 f	1/15/2013	1/17/2013	24.5000	\$10.45	0.0000	0	\$256.03
			3	0							
			No	4130 RD Tube 1.00 x f 120wall 124293	24.0000	DESJ02					
				M4130NT0.500W.04 f	1/15/2013	1/17/2013	51.0000	\$7.20	0.0000	0	\$367.20
				9							
			No	4130 RD Tube .500 f x.049W	48.0000	DESJ02					
				124293							
				M4130NT0.500W.08 f	1/15/2013	1/17/2013	23.0000	\$8.38	0.0000	0	\$192.74
			5	3							
			No	4130 RD tube .500 x f 083W 124293	23.0000	DESJ02					
				71475.25							
				PACKING FEE							
			6	No	1/15/2013	1/17/2013	1.0000	\$35.00	0.0000	0	\$35.00
				124293							

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID Reference/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Cost Per Unit/ Recv Qty (PO U/M)	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
									243.0000

Total Received Quantity:

Total Qty to Inspect (PO U/M):

Total Reject Quantity:

Total Receipt Value:

Total Balance Due Quantity:

\$1,812.39

0.0000

0.0000

0.0000

PACKING LIST

No. 35731

PG 1 OF 2

FACTORY STEEL & METAL SUPPLY
14020 OAKLAND AVENUE
DETROIT, MI 48203

(313) 883-6300 PHONE
(313) 883-4883 FAX

SOLD TO
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

PURCHASE ORDER #
PO18727

JOB NAME

SALES ORDER #
30587

ORDER DATE
01/07/2013

SHIP TO
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

TERMS
NET - 30 DAYS

BUYER

CHANTEL CLAVOIE
Tel (613) 632-3336
Fax (613) 632-4443

SHIP VIA
YRC

SALES REP

MICK HALON

SHIP INST

YRC

PRO#

761-645-8138

CARRIER

YRC

BLIND Y/N

N

FOB

DETROIT

SHIP DATE
01/08/2013

SHIP VIA
YRC

RESALE #
59-2958719

LINE	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT	UNIT PRICE	TOTAL
1		Our Tag # Mill Ref # Heat # 83927	Pcs Total Ft 5 117.5	19' / 23' RL	43.099		
2	26 FT	4130 CD SMLSS RD TUBE 3/4" OD X .083W	Pcs Total Ft 5 25 RL	15.373			
3	24.5 FT	4130N CD SMLSS RD TUBE 1" OD X .120W	Pcs Total Ft 1 26	24' / 26' RL	27.636		
4	51 FT	4130N CD SMLSS RD TUBE 1/2" OD X .049W	Pcs Total Ft 1 24.5	19' / 24' RL	12.036		
5	24 FT	Our Tag # Mill Ref # Heat # 83930 137954 556126	Pcs Total Ft 2 51	23' RL	8.870		
							TOTAL
							DATE RECEIVED



SO

RECEIVED BY - SIGNATURE _____ RECEIVED BY - PRINTED NAME _____

PACKING LIST

No. 35731 PG 2 OF 2



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18727

Purchase Order Date 1/07/13

PO Print Date 1/07/13

Page Number 1 of 2

Order From :

FACTORY STEEL
14020 OAKLAND AVE.
DETROIT,, MI 48203
US

VU-FAC001

Contact Name

313 883 6300

Buyer

Chantal Lavoie

Vendor Phone

313 883 4883

Requisition Nbr

10127-2607

Vendor Fax

313 883 4883

Tax Resale Nbr

Net 30

Vendor Account Nbr

Terms

USD

Currency

Destination-Collect

FOB

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
copy to bld

M124293

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M4130NT0.750W.049	4130 RD Tube .750 x.049W ✓	1/15/13 Yes	115.00 f 117.5	Yellow Standard	\$6.3900	\$734.85
2	M4130NT0.750W.083 ✓	4130 RD Tube .750 x.083W	1/15/13 Yes	24.00 f 26	Yellow Standard	\$8.1000	\$194.40
3	M4130NT1.000W.120 ✓	4130 RD Tube 1.00 x .120wall	1/15/13 Yes	24.00 f 24.5	Yellow Standard	\$10.4500	\$250.80

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required YES NO

Change Nbr: 1

Range Date: 1/07/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18727

Purchase Order Date 1/07/13

PO Print Date 1/07/13

Page Number 2 of 2

Order From :
FACTORY STEEL
14020 OAKLAND AVE.
DETROIT,, MI 48203
US

VU-FAC001

Contact Name
Vendor Phone 313 883 6300
Vendor Fax 313 883 4883
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

		Special Inst:	MATERIAL: AISI 4130N STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361/6362 6373/6374				
4	M4130NT0.500W.049	4130 RD Tube .500 x .049W	1/15/13	48.00	Yellow Standard	\$7.2000	\$345.60
			Yes	f	51		
5	M4130NT0.500W.083	4130 RD tube .500 x .083W	1/15/13	23.00	Yellow Standard	\$8.3800	\$192.74
			Yes	24			
6		PACKING FEE	1/15/13	1.00	Yellow Standard	\$35.0000	\$35.00
			Yes	Each			
					PO Total:		\$1,753.39

MATERIAL CERTIFICATION
REQD UPON DELIVERY

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required - YES NO

Change Nbr: 1

Change Date: 1/07/13

ORDER ACKNOWLEDGMENT

No. 30587 PG 1 OF 1

FACTORY STEEL & METAL SUPPLY
14020 OAKLAND AVENUE
DETROIT, MI 48203
SOLD TO
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

(313) 883-6300 PHONE
(313) 883-4883 FAX
SHIP TO
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SO

CUST ID DA3336
JOB NAME
RESALE # 59-2958719
SHIP TO
PURCHASE ORDER # P018727
SHIP INST YRC
TERMS NET 30 DAYS

BUYER
CHANTEL CLAVOIE
Tel (613) 632-3336
Fax (613) 632-4443
SALES REP MICK HALON
PURCHASE ORDER # CARRIER
P018727 VRC
SHIP INST BL IND Y/N
TERMS N

FOB DETROIT

ORDER DATE 01/07/2013

SHIP DATE 01/10/2013

SHIP VIA VRC

CARRIER VRC

BL IND Y/N

N

FOB DETROIT

ORDER DATE 01/07/2013

SHIP DATE 01/10/2013

SHIP VIA VRC

CARRIER VRC

BL IND Y/N

N

FOB DETROIT

ORDER DATE 01/07/2013

SHIP DATE 01/10/2013

SHIP VIA VRC

CARRIER VRC

BL IND Y/N

N

FOB DETROIT

ORDER DATE 01/07/2013

SHIP DATE 01/10/2013

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CARRIER VRC

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FOB DETROIT

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FOB DETROIT

ORDER DATE 01/07/2013

SHIP DATE 01/10/2013

SHIP VIA VRC

CARRIER VRC



PLYMOUTH TUBE CO.

1209 East 12th Street, Streator, Illinois 61364
Phone: (815) 673-1515 Fax: (815) 672-7343

USA®

PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/ RLS

040027 - 1 / 0

WORK ORDER 012409

HEAT NUMBER 745838

MELT SOURCE Benteler Steel Corp - Germany

SOLD TO

Factory Steel & Metal Supply Co.
14020 Oakland Avenue
Detroit, MI 48203
USA

ISO 9001:2000

AND

TS 16949:2002

CERTIFIED

CUSTOMER P.O. 8286	CUSTOMER PART H07500490J800	QUANTITY	LADING NO	SHIPMENT DATE									
PART DESCRIPTION OD: 0.7500" ✓ Max: 0.7550" Min: 0.7500" Wall: 0.0490" Max: 0.0530" Min: 0.0450" Length: 19.00' /26.00' Spec: Mil-T 6736B Seamless Aircraft Grade: 4130 Finish: Cond N				<i>AmR 13/01/24</i>									
CERTIFICATION REQUIREMENTS This material was Eddy Current tested and conforms to the requirements of ASTM A-450. This material is stress relief annealed. The final annealing temperature was 1150 degrees fahrenheit. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method.													
Chemical Analysis													
C .325	Mn .55	P .007	S .003	Si .258	Al .037	Cr .90	Mo .17	Ni .09	Pb .001	Cu .10	V .003	Ti .004	Sn .010
Physical Properties													
Freq. .029	Severity .020	Grain Size 5											
Melt Source													
Melt Source Benteler Steel Corp - Germany													
Additional Specification(s)													
TEST Tensile Yield Elongation Rockwell B Rockwell C	UNITS Psi Psi % Rb Rc	#TESTS 6 6 6 0 0	HIGH 118390 114070 20	LOW 114560 109820 13	AVERAGE 116552 112030 17	STD-DEV 1264 1386 3							
TEST Decarb/OD Total ID/OD decarb	RESULT Pass Pass												

Jan 04 07 10:19a

Plymouth Tube CoStreator

(815) 672-7343

P.3



PLYMOUTH TUBE CO.

USA®

1200 East 12th Street, Streator, Illinois 61384
Phone: (815) 672-1515 Fax: (815) 672-7343

SOLD TO

Factory Steel & Metal Supply Co.
14020 Oakland Avenue
Detroit, MI 48203
USA

PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/ RLS

040027 - 110

WORK ORDER 012409

HEAT NUMBER 745838

MELT SOURCE Benteler Steel Corp - Germany

**ISO 9001:2000
AND**

TS 16949:2002

CERTIFIED

CUSTOMER P.O. 8286	CUSTOMER PART	QUANTITY	LADING NO	SHIPMENT DATE				
PART DESCRIPTION M07500400J900 OD: 0.7500" Max: 0.7580" Min: 0.7500" Wall: 0.0490" Max: 0.0530" Min: 0.0450" Length: 19.00' / 26.00' Spec: MIL-T 6736B Seamless Aircraft Grade: 4130 Finish: Cond N				<i>on 13/01/24</i>				
AMS-T 6736A, 6360L & 6371J	Additional Specification(s)							
This test report data is for the heat Chemistry Stated above.								
The material in this test report is:								
1) Free from Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Mercury contamination.								
2) NAFTA compliant.								
End of Certification								

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of the company.

Gerry Cross

Quality Assurance



MICHIGAN
seamless tube

9203

MICHIGAN SEAMLESS TUBE

TEST REPORT

SHIPMENT
001

SOUTH LYON, MICHIGAN 48178

ORDER NUMBER	CUSTOMER ORDER NUMBER	DATE	OFC	COM		DI WI	NET SLS	GR SLS	ACCOUNT NUMBER	US	1FT	PAI
014486	8441	05/12/04	51	00		16	16	01	02598001FC0			1

FACTORY STEEL & METAL SUPPLY
14020 OAKLAND

DETROIT MI 48203

S H FACTORY STEEL & METAL SUPPLY SN
I TR P 14020 OAKLAND AVENUE INV
T DETROIT MI 48203
O

JTING	PEN TOP/FULLY TARPED/FOR SOUTH LYON MI	PPD TRUCK
-------	--	-----------

ANALYSIS	SHAPE	PRODUCT	FC.	ANNEAL	REQUESTED
130-3 (EF/MQ)	ROUND	COLD DRAWN		PER SPEC	06/18/04
EAMLESS	AMS-6371/6519	CMST	CD ALLOY AIRCRAFT	PROMISE	06/18/04

BY INDUCTIVE YLD. AIM 85 PSI. CERT TO A519-96. MILT-6736BN
NOTICE 2. AMS-6360K (W/DECARB LEVELS TO AMS-6371H) & AMS-T-6736N.
/R W/SHIPMENT TO INCL CHEM, PHYS, DECARB, JOMINY, GRAIN SIZE &
RINNELL. PRODUCE FROM 1-HEAT. MARK TO INCLUDE GRADE, A519-96.
MILT-6736BN NOTICE 2. AMS-T-6736N, AMS-6371H & AMS-6360K.

ITEM	QUANTITY	O.D.	I.D.	WALL	LENGTH	WT/FT	WEIGHT	
		.750		.083 AVG		.5912		11:47:52 06/21/04

TM	BALE	--BALE--	ITEM	PART
UM	NUM	PCS FTG	STATUS	NUMBER
1	1 1	211 5406	HEAT NO.	RAND 19'-26' COM

on R 13/01/24

HEAT NO.	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	Al	REMARKS
01M39509	.280	.520	.011	.020	.220	.150	.860	.160	.190	.018	EF MAC STEE

HEAT NO.	ULT. STR. PSI	YIELD, PSI	% ELONG 2"	HARDNESS	HYDRO TEST PSI	ULTRA SONIC %	EDDY CURRENT	EXPANSION
01M39509	114,285	106,857	18.7	BHN 232-239				
01M39509	110,857	106,285	21.8	BHN 232-239				
01M39509	110,919	107,471	18.7	BHN 232-239				
01M39509	110,795	105,113	18.7	BHN 232-239				

ECARD OK GRAIN SIZE 6

REQ 0.000 SEV 0.000

ACROS S1, R1, C1

J1 J2 J3 J4 J5 J6 J7 J8 J9 J10

J9 J8 J7 J6 J5 J4 J3 J2 J1

Gen Foster

We hereby certify that the reported data are correct
according to Michigan Seamless Tube tests a



MATERIAL TEST REPORT

Page 1 of 1

Sold To: 3300035
FACTORY STEEL & METAL SUPPLY CO.
14020 OAKLAND AVENUE
DETROIT MI 48203

Ship To: 3300035
FACTORY STEEL & METAL SUPPLY CO.
14020 OAKLAND AVENUE
DETROIT MI 48203

Purchase Order: 8485
Sales Order: 126887
Material: A893100012005461 AMS 6736 1000OD 120AW AMS6360,6371J
Delivery: 80202547

Description: AMS-6360L/AMS-6371J/A~~MS-6736B~~ COND N./MIL-T-6736B
AMS 2301K / ASTM A519 S4130 A519

Test: NDT ELECTRIC TESTED TO ASTM A450 & E309. MAGNETIC INSPECTED TO AMS2301.
SEAMLESS 4130
A519

Heat Number: 556126
%

CARBON LDL 0.320
MANGANESE LDL 0.530
PHOSPHORUS LDL 0.007
SULFUR LDL 0.002
SILICON LDL 0.240
NICKEL LDL 0.140
CHROMIUM LDL 0.870
MOLYBDENUM LDL 0.170
COPPER LDL 0.120
ALUMINUM LDL 0.037
R-EACH LDL 0.000
R-TOTAL LDL 0.000

OK 13/01/24

Ultimate (PSI) 118200 / 118500
Yield (PSI) 95,100 / 96,800
Elongation (%) 26 / 27
Hardness (RB) 98 / 100
Grain Size 9.000
Frequency rate 0.029
Severity 0.020
Decarb OD Total (IN) PASSED
Decarb ID Total (IN) PASSED
%

Jominy (RC) Heat: 556126 J5/16= 40 J8/16= 32
Origin of Melt Germany
Manufactured in USA

Webco Industries, Inc. certifies that the material described was manufactured and tested and/or inspected in accordance with the specification and fulfills requirements in such respect.

This document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1.

This document was prepared by means of electronic processing and is valid without signature.

Date: 01/12/2011

Tony Stubblefield

Quality Manager



MATERIAL TEST REPORT

Page 1 of 1

Sold To: 3300035
FACTORY STEEL & METAL SUPPLY CO.
14020 OAKLAND AVENUE
DETROIT MI 48203

Ship To: 3300035
FACTORY STEEL & METAL SUPPLY CO.
14020 OAKLAND AVENUE
DETROIT MI 48203

Purchase Order: 1609
Sales Order: 137954
Material: A893050004905461 AMS-T-6736 0500OD 049AW AMS6360,6371
Delivery: 80223699

Description: AMS-6360L/AMS-6371/AMS-T-6736B COND N./MIL-T-6736/ASTM A519
SEAMLESS 4130.

Test: NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426. MAGNETIC
INSPECTED TO AMS2301.

Heat Number: 556125
%

CARBON LDL 0.310
MANGANESE LDL 0.530
PHOSPHORUS LDL 0.006
SULFUR LDL 0.001
SILICON LDL 0.240
NICKEL LDL 0.100
CHROMIUM LDL 0.880
MOLYBDENUM LDL 0.170
COPPER LDL 0.080
ALUMINUM LDL 0.034
R-EACH LDL 0.000
R-TOTAL LDL 0.000

on 13/01/24

Ultimate (PSI) 116800 / 117700

Yield (PSI) 98,600 / 98,800

Elongation (%) 15 / 18

Hardness (RC) 19 / 19

Grain Size 9.000

Frequency rate 0.039

Severity 0.039

Decarb OD Total (IN) PASSED

Decarb ID Total (IN) PASSED

%

Jominy (RC) Heat: 556125 J5/16 = 35 J8/16 = 30

Origin of Melt Germany

Origin of Raw Material Germany

Manufactured in USA

Webco Industries, Inc. certifies that the material described was manufactured and tested and/or
inspected in accordance with the specification and fulfills requirements in such respect.

This document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1.

This document was prepared by means of electronic processing and is valid without signature.

Date: 01/05/2012

Tony Stubblefield
Quality Manager



PLYMOUTH TUBE CO.

1209 East 12th Street, Streator, Illinois 61364
Phone: (815) 673-1515 Fax: (815) 672-7343

USA

PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/RLS

041992 - 1 / 0

WORK ORDER 012974
HEAT NUMBER 536742
MELT SOURCE Benteler Steel & Tube-Germany

SOLD TO

Factory Steel & Metal Supply C
14020 Oakland Avenue
Detroit, MI 48203
USA

**ISO 9001:2000
AND
TS 16949:2002
CERTIFIED**

CUSTOMER P.O. 008296	CUSTOMER PART	QUANTITY	LADING NO	SHIPMENT DATE										
PART DESCRIPTION OD: 0.5000" Max: 0.5050" Min: 0.5000" Wall: 0.0830" Max: 0.0900" Min: 0.0760" Length: 19.00' /26.00' Spec: Mil-T 6736B Seamless Aircraft Grade: 4130 Finish: Cond N	H05000830J111			Orl 13/01/24										
CERTIFICATION REQUIREMENTS														
	Chemical Analysis													
C .310	Mn .52	P .006	S .003	Si .250	Al .033	Cr .93	Mo .18	Ni .09	Pb .001	Cu .12	V .003	Ti .003	Sn .012	
	Physical Properties													
Freq. .117	Severity .068	Grain Size 9												
	Mechanical Properties													
<u>TEST</u> Tensile	<u>UNITS</u> Psi	<u>#TESTS</u> 6	<u>HIGH</u> 121400	<u>LOW</u> 118470	<u>AVERAGE</u> 119642	<u>STD-DEV</u> 1072								
Yield	Psi	6	114050	112280	113135	640								
Elongation	%	6	36	20	28	7								
Rockwell B	Rb	0	-----	-----	-----	-----								
Rockwell C	Rc	0	-----	-----	-----	-----								
<u>TEST</u> Decarb/OD	<u>RESULT</u> Pass													
Total ID/OD decarb	Pass													
	Additional Specification(s)													
AMS-T 6736A, 6360L & 6371J														

This test report data is for the heat Chemistry Stated above.														
The material in this test report is:														
1) Free from <u>Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers</u>														

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the

Gerry Cross

Quality Assurance